

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	68	"362"/362.ccls. and (LED or diode)	USPAT	OR	ON	2005/12/08 19:53
S5	10	wu.in. and "led device"	US-PGPUB	OR	ON	2005/06/28 10:50
S6	34	"362"/362.ccls. and (LED or diode) and wire	USPAT	OR	ON	2005/06/28 11:13
S7	7	(LED or diode) and (wire and (insulator near bent))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 16:40
S8	1	("6200003").PN.	USPAT; USOCR	OR	OFF	2005/06/28 11:17
S9	6	("5057982"   "5672000"   "5709457"   "5829865").PN. OR ("6200003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 11:19
S10	719	(LED or diode) and (wire near bent)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 15:17
S11	23	S10 and "362"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:28
S13	60	362/313.ccls.	USPAT	OR	ON	2005/12/08 19:53
S14	470	362/257.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 19:54
S15	44	S14 and (led or diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 14:42
S16	1668	362/800.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 19:53
S17	1606	S16 and (led or diode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 14:55
S18	5	S17 and (bent near wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 14:55

## EAST Search History

S19	16	("4065198"   "4206493"   "4575785"   "4631650"   "4803599"   "4897769").PN. OR ("5121311").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 14:56
S20	17	("4065198"   "4195330"   "4447105"   "4667270"   "4682829"   "5116229"   "5121311"   "5204498"   "5469893"   "5704797"   "5707249"   "5709554"   "5798910"   "6002089"   "6037543"   "6231370"   "6363198").PN. OR ("6555746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 15:02
S21	21	("3887803"   "4035681"   "4065198"   "4195330"   "4398240"   "4402110"   "4471414"   "4491900"   "4583807"   "4674008"   "4676565"   "4727648"   "4790763"   "4837927"   "4897769").PN. OR ("5116229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 15:08
S22	61	(LED or diode) and (wire near bent) and (insulat\$5 near (wire or lead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 15:57
S23	4134	(LED or diode) and (insulat\$5 near (wire or lead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 15:58
S24	129	S23 and "362"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 16:25
S25	1	("6299332").PN.	USPAT; USOCR	OR	OFF	2005/06/28 16:25
S26	9	("2863041"   "4234915"   "5021935"   "5410460"   "6033089"   "6059430"   "D381287"   "D440674").PN. OR ("6299332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 16:39

## EAST Search History

S30	100	("5302921" "4633380" "4258381" "4575747" "4984048" "5267121" "5604397" "5787219" "5842274" "4409642" "4434329" "4439116" "4565423" "4632206" "4771318" "4838712" "4848500" "4875872" "4904046" "4949156" "4968102" "4993215" "5011045" "5018056" "5221351" "5236330" "5392194" "5416669" "5461456" "5504468" "5539319" "5647534" "5661352" "5700012" "5766467" "5890790" "5899493" "5925926" "6076680" "5705833" "5769521" "5772245" "6060729" "6344334" "6004614" "6069676" "6151004" "6188379" "6570686" "5723900").pn. ("4553126" "5177584" "5558068" "5659161" "5828172" RE36119 "4286650" "4305359" "4336456" "4354182" "4380748" "4396072" "4399841" "4439802" "4458520" "4466587" "4479661" "4494037" "4499621" "4535960" "4546811" "4556270" "4563981" "4576514" "4588502" "4604195" "4620587" "4765416" "4825685" "4871394" "4881693" "4883919" "4891435" "4912448" "4989582" "4993459" "5268536" "5280134" "5282759" "5289082" "5325887" "5338218" "5359364" "5450654" "5515248" "5551494" "5559679" "5598135" "5623167" "5704227").pn.	USPAT	OR	ON	2005/06/28 16:48
S31	66	174/80.ccls.	USPAT	OR	ON	2005/12/08 19:54
S32	31	"174"/\$.ccls. and (bent near insulat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 17:01
S33	35	"174"/\$.ccls. and (insulat\$5 near (brace or lock))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 17:04
S34	4	("2863041").URPN.	USPAT	OR	ON	2005/06/28 17:15
S35	8	("1481719"   "3873880"   "4989120"   "5021935").PN. OR ("5410460"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 17:16
S36	2292	(LED or diode) and (wire near insulat\$5)	USPAT	OR	ON	2005/06/28 17:58
S37	40	(LED or diode) and (wire near insulat\$5) and christmas	USPAT	OR	ON	2005/06/28 17:58

## EAST Search History

S38	2	"362"/\$.cccls. and (LED or diode) and (chip and "bonded wire\$" and "lead frame\$")	USPAT	OR	ON	2005/06/29 14:12
S39	8	("4013915"   "4907044"   "5623181"   "5865529"   "6345903"   "6459130").PN. OR ("6641287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 14:13
S40	3	("5367441"   "6459130"   "6641287").PN. OR ("6864554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 14:14
S41	29	("3820237"   "3914786"   "4255688"   "4611884"   "4649415"   "4995695"   "5158091"   "5298768"   "5545893"   "5727009"   "5760885"   "6055102"   "6226082"   "6236477").PN. OR ("6459130").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 14:15
S42	3	("5367441"   "6459130"   "6641287").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 14:15
S43	14	("3820237").URPN.	USPAT	OR	ON	2005/06/29 14:40
S44	8	("3820237"   "3887803"   "4959761"   "5321305"   "5349509"   "5382810"   "5763901").PN. OR ("RE37554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 14:45
S45	1	("6200003").PN.	USPAT; USOCR	OR	OFF	2005/06/29 15:02
S46	6	("5057982"   "5672000"   "5709457"   "5829865").PN. OR ("6200003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 15:04
S47	1	("6299332").PN.	USPAT; USOCR	OR	OFF	2005/06/29 18:40
S49	9	("2863041"   "4234915"   "5021935"   "5410460"   "6033089"   "6059430"   "D381287"   "D440674").PN. OR ("6299332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 18:42
S50	70	"362"/\$.cccls. and (christmas near light) and (control or controller)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 18:43
S51	37	S50 and ("LED" or diode)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 18:43

## EAST Search History

S52	48	("3153745"   "3286115"   "4138620"   "4319310"   "4376145"   "4384317"   "4597033"   "4622623"   "4718185"   "4730146"   "4835664"   "4908743"   "4977488"   "4982176"   "4990971"   "5055984"   "5107637"   "5121307"   "5149188"   "5155668"   "5217296"   "5228772"   "5237490"   "5253150"   "5367442"   "5442259"   "5451842"   "5467257"   "5469342"   "5493183"   "5517089"   "5519288").PN. OR ("5957564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:37
S53	1	362/252.ccls. and (weld\$5 near lead)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:39
S54	3	362/249-252.ccls. and (weld\$5 near lead)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:39
S55	0	362/252.ccls. and ("pressure bond" near lead)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:40
S56	0	362/252.ccls. and ("pressure bond\$4" near lead)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:40
S57	0	362/252.ccls. and ("pressure bond\$4")	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:41
S58	0	362/252.ccls. and ("pressure bond")	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:41
S59	1	"362"/\$.ccls. and ("lead frame" near (weld\$4 or "pressure bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:42
S60	58	"362"/\$.ccls. and (lead near (weld\$4 or "pressure bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:47
S61	2	"362"/252.ccls. and (wire near (weld\$4 or "pressure bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:49
S62	82	"362"/\$.ccls. and (wire near (weld\$4 or "pressure bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:51
S63	14	S62 and (christmas or decorat\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:50

## EAST Search History

S64	175	"362"/\$.ccls. and (wire near (weld\$4 or "bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:56
S65	24	S64 and (christmas or decorat\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:51
S66	2	"362"/227.ccls. and (wire near (weld\$4 or "bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:58
S67	2	"362"/227.ccls. and (wire near (sodder\$4 or "bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 13:11
S68	0	"362"/227.ccls. and (wire near sodder\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:59
S69	0	"362"/\$.ccls. and (wire near sodder\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 11:59
S70	0	"362".clas. and (wire near sodder\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:00
S71	0	"362".clas. and (wire near soder\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:00
S72	160	"362".clas. and (wire near solder\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:27
S73	24	S72 and (christmas or decorat\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:01
S74	16	("2071948"   "3300851"   "3404453"   "3727042"   "4028798").PN. OR ("4241387").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:04
S75	3	"362".clas. and (wire near solder\$4 near conductor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 12:29
S76	93	"362"/\$.ccls. and (wire near (sodder\$4 or "bond"))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 13:12
S77	88	S76 and (LED or diode)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/30 13:12
S78	1090	"wire stripper"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/02 13:06

## EAST Search History

S79	3	S78 and "362"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/02 13:05
S80	18	(bend\$5 adj1 insulat\$6) near wire	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/02 13:15
S81	3	(bent adj1 insulat\$6) near wire	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/02 13:15
S82	490	174/74R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:25
S83	211	174/74A.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:25
S84	442	174/76.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:26
S85	881	174/77R.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:26
S86	231	174/79.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:26
S87	3371	"174"/\$.ccls. and insulation and (bend\$3 or fold\$3 or tie\$2 or knot\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:29
S88	65	"174"/\$.ccls. and (insulation adj3 (bend\$3 or fold\$3 or tie\$2 or knot\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:30
S89	42	"174"/\$.ccls. and (insulation adj2 (bend\$3 or fold\$3 or tie\$2 or knot\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:30
S90	15	"174"/\$.ccls. and (insulation adj1 (bend\$3 or fold\$3 or tie\$2 or knot\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 17:30

## EAST Search History

S91	20	("2828147"   "4000875"   "4209661"   "4236281"   "4262409"   "4424627"   "4455717"   "4624520"   "4724279"   "5030106"   "5195219"   "5276280"   "5374017"   "5718610"   "5744753"   "6194660"   "6457988"   "RE23720").PN. OR ("6669515"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 17:51
S92	2	"174"/\$.cccls. and bunny	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 17:52
S93	2	insulation adj1 knot	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 17:52
S94	2	insulation adj2 knot	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 17:52
S95	6	insulation adj3 knot	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 18:44
S96	3	("5584122").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/08 18:44
S97	367	362/800.ccls.	US-PGPUB	OR	ON	2005/12/08 19:54
S98	51	"362"/362.ccls.	US-PGPUB	OR	ON	2005/12/08 19:54
S99	0	362/313.ccls.	US-PGPUB	OR	ON	2005/12/08 19:54
S10 0	47	362/257.ccls.	US-PGPUB	OR	ON	2005/12/08 19:54
S10 1	2	174/80.ccls.	US-PGPUB	OR	ON	2005/12/08 19:54